

Title (en)

CLAMPING ASSEMBLY FOR LINEAR SURGICAL STAPLER

Title (de)

KLEMMANORDNUNG FÜR LINEARES CHIRURGISCHES KLAMMERGERÄT

Title (fr)

ENSEMBLE DE SERRAGE POUR AGRAFEUSE CHIRURGICALE LINÉAIRE

Publication

EP 3610801 A3 20200401 (EN)

Application

EP 19191305 A 20190812

Priority

US 201816102170 A 20180813

Abstract (en)

A surgical stapler includes a first elongate member having a distal portion that supports an anvil surface, and a second elongate member having a distal portion configured to receive a staple cartridge. The stapler further includes a pin rotatably coupled with the first elongate member, and a clamp member movably coupled with the second elongate member. The clamp member is operable to releasably capture the pin to thereby clamp the first elongate member against the second elongate member. The pin is configured to rotate relative to the first elongate member in response to being captured by the clamp member.

IPC 8 full level

A61B 17/072 (2006.01); **A61B 17/064** (2006.01); **A61B 17/068** (2006.01); **A61B 17/00** (2006.01)

CPC (source: EP US)

A61B 17/07207 (2013.01 - EP US); **A61B 2017/00477** (2013.01 - EP); **A61B 2017/07228** (2013.01 - US); **A61B 2017/0725** (2013.01 - EP); **A61B 2017/07257** (2013.01 - US); **A61B 2017/07271** (2013.01 - US)

Citation (search report)

- [Y] US 2011084115 A1 20110414 - BEDI JAMES J [US], et al
- [Y] CN 104490437 A 20150408 - SUZHOU TIANCHEN INT MED TECH
- [Y] US 2015034695 A1 20150205 - KAPADIA SALMAN [IN]
- [XY] US 5395034 A 19950307 - ALLEN WILLIAM J [US], et al
- [IY] US 4520817 A 19850604 - GREEN DAVID T [US]
- [X] US 2016249920 A1 20160901 - GUPTA ARVIND KUMAR [IN], et al
- [X] US 2016262756 A1 20160915 - PATANKAR MANGESH [IN], et al
- [X] EP 2804541 A2 20141126 - COVIDIEN LP [US]
- [X] US 2010213241 A1 20100826 - BEDI JAMES J [US]
- [XA] US 2011226837 A1 20110922 - BAXTER III CHESTER O [US], et al
- [A] CN 104739472 A 20150701 - TIANJIN WANHE MEDICAL DEVICES CO LTD
- [A] US 5180092 A 19930119 - CRAINICH LAWRENCE [US]

Cited by

WO2023242702A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3610801 A2 20200219; **EP 3610801 A3 20200401**; BR 112021002623 A2 20210511; CN 112584777 A 20210330; CN 112584777 B 20240528; JP 2021533880 A 20211209; JP 2023182759 A 20231226; JP 7367000 B2 20231023; MX 2021001782 A 20210419; US 11278285 B2 20220322; US 2020046353 A1 20200213; US 2022225987 A1 20220721; WO 2020035763 A2 20200220; WO 2020035763 A3 20200402

DOCDB simple family (application)

EP 19191305 A 20190812; BR 112021002623 A 20190806; CN 201980054416 A 20190806; IB 2019056698 W 20190806; JP 2021507549 A 20190806; JP 2023175839 A 20231011; MX 2021001782 A 20190806; US 201816102170 A 20180813; US 202217671843 A 20220215